

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1-4 are currently amended, and claims 5-8 are newly presented.

1. (Currently Amended) A dynamic vibration absorber for an optical disk device ~~(10)~~, comprising:

a base chassis ~~(12)~~ for holding a motor is mounted on a case ~~(11)~~ of said optical disk device

~~(10)~~ through a first elastic body ~~(14a)~~, and

a second elastic body ~~(14b)~~ for supporting a counterweight ~~(13)~~ constituting said dynamic vibration absorber on said base chassis ~~(12)~~,

wherein said second elastic body ~~(14b)~~ is integrally formed with said first elastic body ~~(14a)~~ into a single body ~~(14)~~.

2. (Currently Amended) ~~An~~ The optical disk device ~~(10)~~ comprising the dynamic vibration absorber according to claim 1.

3. (Currently Amended) The optical disk device ~~(10)~~ according to claim 2, wherein an elastic coefficient of said first elastic body ~~(14a)~~ is lower than an elastic coefficient of said second elastic body ~~(14b)~~.

4. (Currently Amended) A method of determining a vibration frequency of a dynamic vibration absorber for an optical disk device ~~(10)~~, having:

a base chassis ~~(12)~~ for holding a motor is mounted on a case ~~(11)~~ of said optical disk device ~~(10)~~ through a first elastic body ~~(14a)~~, and

a second elastic body ~~(14b)~~ for supporting a counterweight ~~(13)~~ constituting said dynamic vibration absorber on said base chassis ~~(12)~~,
wherein said second elastic body ~~(14b)~~ is integrally formed with said first elastic body ~~(14a)~~ into a single body, comprising the steps of;
adjusting at least one of an outer diameter and a thickness of said second elastic body ~~(14b)~~;
and determining a vibration frequency of said dynamic vibration absorber corresponding to the adjusted at least one of said outer diameter and the thickness of said second elastic body.

5. (New) The dynamic vibration absorber according to claim 1, wherein said first elastic body and said second elastic body comprise either the same or different thermosetting elastic rubber or thermoplastic elastomer materials.

6. (New) An apparatus for absorbing dynamic vibration for a disk device, the apparatus comprising:

a first elastic body disposed between a case of the disk device and a base chassis; and
a second elastic body for supporting a counterweight,
wherein the second elastic body is integrally formed with the first elastic body into a single body.

7. (New) The apparatus according to claim 6, wherein an elastic coefficient of the first elastic body is lower than an elastic coefficient of the second elastic body.

8. (New) The disk device comprising a plurality of the apparatuses according to claim 6.